



M 5.8, MYANMAR-INDIA BORDER REGION

Origin Time: Thu 2009-09-03 19:51:07 UTC Location: 24.32°N 94.71°E Depth: 97 km

PAGER Version 2

Created: 22 hrs. 47 mins after earthquake

Estimated Population Exposed to Earthquake Shaking

	POPULATION (k = x1000)	*	2,741k*	4,843k	480k	0	0	0	0	0
ESTIMATED MERCALLI		l	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL	Resistant Structures	none	none	none	V. Light	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy
DAMAGE	Vulnerable Structures	none	none	none	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure population per ~1 sq. km from Landscan 2006 Selected City Exposure

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		Kakching		الرساول				Shak
	Churac	chandpur <i>f</i>	$^{\prime}$	Anna a				
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North Vanl	aiphai			*	136	/ /-	Tarak.	}
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	raidili			72		A. T	iviogok	North Vanlaipha
(0	50	100)				_	

ММІ	City	Pop	ulation
V	Wangjing		7k
V	Yairipok		8k
IV	Thoubal		44k
IV	Kakching		30k
IV	Mayang Imphal		22k
IV	Mawlaik		44k
IV	Imphal		223k
IV	Kohima		92k
Ш	Dimapur		135k
Ш	Shwebo		88k
Ш	Mogok		90k
	• . •	- //	1000

bold cities appear on map (k = x1000)

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ı	11-111	IV	V	VI	VII	VIII	IX	X+
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	aibong		~	{	√ 8	3		b
'Haflon			Imphal	\ \{				25
Lakhipi	3	g Imphal	*Thoubal					
V	0	Churach	andpur	3				P
		~	\	Mawlaik			(\$50°	24
Khawha	}		,)				(
North	Vanlaiphai	Falam	{	حسر				23 Mogok

Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though some resistant structures exist. A magnitude 5.9 earthquake occurred in the Myanmar region 343 km southwest of the location of this earthquake on May 12, 1977 (UTC), with estimated population exposures of 4,000 at intensity VII and 61,000 at intensity VI, with no reported fatalities. On August 6, 1988 (UTC), a magnitude 7.2 earthquake occurred near the India-Burma Border, region 95 km northeast of the location of this earthquake, with estimated population exposures of 2,000 at intensity VIII and 397,000 at intensity VII, resulting in an estimated 3 fatalities. Recent earthquakes in this area have caused landslides that may have contributed to losses.